Appendix J: Cost Neutrality Demonstration

Appendix J-1: Composite Overview and Demonstration of Cost-Neutrality Formula

Composite Overview. Complete the fields in Cols. 3, 5 and 6 in the following table for each waiver year. The fields in Cols. 4, 7 and 8 are auto-calculated based on entries in Cols 3, 5, and 6. The fields in Col. 2 are auto-calculated using the Factor D data from the J-2d Estimate of Factor D tables. Col. 2 fields will be populated ONLY when the Estimate of Factor D tables in J-2d have been completed.

	Level(s) of Ca	are (specify):	ICF/IID	D				
Col.	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	
Yea r	Factor D	Factor D'	Total: D+D′	Factor G	Factor G'	Total: G+G'	Difference (Column 7 less Column 4)	
1	70,295.90 72,070.29	10,873.12	81,169.02 82,943.41	256,689.98	5,576.85 5,544.58	262,266.83	181,097.81 179,323.42	
2	78,783.21 78,599.54 77,856.36	11,231.93	90,015.14 89,831.47 89,088.29	265,160.75	5,772.04	270,932.79	180,917.65 <u>1</u> 8 <u>1,101.32</u> 181,844.50	
3	81,291.18 81,104.99 80,718.00	11,602.58	92,893.76 92,707.58 92,320.58	273,911.05	5,974.06	279,885.11	186,991.35 187,177.54 187,564.54	
4	84,337.69 84,149.77 83,724.96	11,985.47	96,323.16 96,135.24 95,710.43	282,950.12	6,183.15	289,133.27	192,810.124 92,998.03 193,422.84	
5	87,337.91 87,148.70 87,005.36	12,380.99	99,718.90 99,529.68 99,386.35	292,287.47	6,387.20	298,674.67	198,955.77 <u>1</u> 99,144.99 199,288.32	

State:	Maryland
Effective Date	July 1, 2019

Appendix J-2: Derivation of Estimates

a. Number Of Unduplicated Participants Served. Enter the total number of unduplicated participants from Item B-3-a who will be served each year that the waiver is in operation. When the waiver serves individuals under more than one level of care, specify the number of unduplicated participants for each level of care:

Table J-2-a: Unduplicated Participants							
Waiver Year	Total Unduplicated Number of Participants (from Item B-3-a)						
Year 1	15,411 <u>15,800</u>						
Year 2	15,572 <u>15,900</u>						
Year 3	15,733 <u>16,000</u>						
Year 4	15,89 4 <u>16,170</u>						
Year 5	16,055 <u>16,380</u>						

b. Average Length of Stay. Describe the basis of the estimate of the average length of stay on the waiver by participants in Item J-2-a.

The average length of stay for all waiver years is 355 days. This is based on the average length of stay reported on the CMS 372(S) for the Community Pathways Waiver for fiscal year 2016.

- **c. Derivation of Estimates for Each Factor**. Provide a narrative description for the derivation of the estimates of the following factors.
 - **i. Factor D Derivation**. The estimates of Factor D for each waiver year are located in Item J-2-d. The basis for these estimates is as follows:

The estimated users for Waiver Year 1 for all services except: Behavioral Support Services, Environmental Assessments, Housing Support Services, Individual and Family Directed Goods and Services, Nursing Services, Remote Support Services, and Career Exploration Services are based on FY16 actual service users and applying the compound annual growth rate (CAGR) for those services from the Community Pathways waiver CMS (S) 372 reports FY13-16 for WYs 2-5.

In WY2, the estimated users for Community Living Group Home, Personal Supports, Support Broker Service and Supported Employment were revised based on FY17 372 report actual service users and applying the CAGR for those services for WYs 3-5.

Behavioral Support Services estimated users for Waiver Years 1-5 are based on: Behavioral Consultation assumed for the 2,250 behavioral plans throughout the state, Behavioral Assessments based upon 15% of Transitioning Youth (TYs) and 2% of current behaviors, Behavior Plans based on 50% of behavioral assessments, and Brief Supports Implementation Services based upon 75% of behavior plans.

Environmental Assessments estimated users for Waiver Years 1-5 are based on 50% of Environmental Modifications as there is a lack of historical data to use as a basis.

Housing Support Services estimated users for Waiver Year 1 are based on FY18 people on the housing registry, about 100 Residential Habilitation participants, and about 10% of TYs.

Individual and Family Directed Goods and Services estimated users for Waiver Years 1-5 are based on 1.3% of self-directing participants from the FY16 Community Pathways Waiver CMS 372 with a 15% CAGR applied annually to the SDS population. Staff Recruitment and Advertising estimated users are based on 100% new estimated self-directing participants from FY13-17 Waiver Slot analysis that represents a 15% CAGR.

Nursing Services estimated users for Waiver Year 1 are based on data from the Health Risk Screening Tool (HRST) and FY18 users of Personal Supports, Day Habilitation, and Residential Habilitation from DDAs financial management software PCIS2, as well as Self-Directing participants. The HRST was used to make these assumptions as each individual is screened and assigned a Health Care Level (HCL) ranging from 1 to 6. Individuals with HCLs 3-6 are considered to be at moderate to highest risk. Nursing Consultation users are estimated at about 66% of Personal Supports participants and about 50% of Self-Directing participants with an HCL of 1-2. Nursing Health Case Management estimated users are based on Day Habilitation participants without Residential Habilitation based on the assumption that all individuals living in their homes and not receiving delegation would be eligible for the service. Nursing Case Management and Delegation estimated users are based on participants receiving: Residential Habilitation, Day Habilitation with Residential Habilitation, and Personal Supports (33%) and Self-Directed services (42%) with an HCL of 3-6.

Remote Support Services estimated users are approximately 2% of Residential Habilitation and Inhome supports participants. Supported Living estimated users for Waiver Years 2-5 are based on the percentage of Personal Supports and Self-Directing participants in FY18 with budgets over \$150,000. Career Exploration Services estimated users for Waiver Year 1 are based on 2100 participants with current employment.

Based on the total number of Waiver users estimated in Appendix B-3 for Waiver Year 1, Participant Education, Training and Advocacy Supports users have been estimated at approximately 10% and Family and Peer Mentoring Supports users have been estimated at approximately 2%. Family Caregiver Training and Empowerment Services users have been estimated at approximately 5% of unpaid family caregivers.

In Waiver Year 32, Employment Discovery and Customization and Supported Employment services will end and be replaced with Employment Services including Discovery, Job Development, Follow-Along Supports, On-going Job Supports, Co-Worker Employment Services, and Customized Self-Employment Services. The estimated users for each employment service are based on analysis of the current employment program and estimated to increase by the 2% CAGR of Unduplicated Recipients from the Community Pathways waiver CMS 372 (S) FY13-16 in Waiver Years 43-5. Additionally, Community Living Enhanced Supports services will be added in Waiver Year 32. Community Living Enhanced Supports services support people with court ordered restrictions and people with intense behavioral challenges, so the estimated users for Waiver Years 34-5 are based on court order trends.

The estimated users for Waiver Years 2-5 have been increased by the 2% CAGR of Unduplicated Recipients from the Community Pathways waiver CMS 372 (S) FY13-16 for the following services: Housing Support Services, Nursing Services, Remote Support Services, Career

Exploration Services, Family Caregiver Training and Empowerment Services, Participant Education, Training and Advocacy Supports, and Family and Peer Mentoring Supports.

The Average Units per User for Waiver Years 1-5 are based on historic utilization of services in the Community Pathways Waiver from CMS 372(S) data FY13-16, FY17 average units per user from PCIS2, or items, services, or milestones that average one unit per user for all services except: Behavioral Consultation and Brief Supports Implementation, Employment Services, Housing Support Services, Nursing Services, Family and Peer Mentoring Supports, Support Broker Services and Remote Support Services.

The Average Units per User for Waiver Years 1-5WY1 for Behavioral Consultation are based on an average of 4 hours per behavior plan and an average of 4 hours per month for WYs 1-5 for Brief Supports Implementation Services for 75% of behavior plans. The Average Units per User for WYs 2-5 for Behavioral Consultation are based on historic utilization from the FY17 Community Pathways 372 report.

Housing Support Services is a new service so average units per user for Waiver Years 1-5 are estimated at the median of 3 hours per week per user. Family and Peer Mentoring Supports units per user estimates for Waiver Years 1-5 are based on best practices and similar services in Arizona's Raising Special Kids program. The average units per user for Nursing Services for Waiver Years 1-5 are estimated at the median of annual unit limits for those services. Remote Support Services average units per user for Waiver Years 1-5 are based on half a year of service.

In Waiver Years <u>32</u>-5, the estimated units per user for Community Development Services, Day Habilitation, and Career Exploration Services have been adjusted to reflect the unit change from a Day to an Hour and the removal of the limitation of receiving only one Day service per day.

In Waiver Years 32-5, Employment Services- Job Development, Follow-Along Supports, and Co-Worker Employment Supports average units per user are based on the median of the allowable unit limits.

<u>In Waiver Years 2-5, Shared Living estimated units per user were updated based on the on historic utilization in the Community Pathways Waiver from FY17 CMS 372(S) data. Support Broker estimated units per user were based off of new limitations in the Wavier amendment.</u>

The DDA contracted the services of Johnston, Villegas-Grubbs and Associates, LLC (JVGA) to perform a rate study, and based on the results, develop rates for existing services and new services for the Community Pathways Waiver. To develop the rates, the contractor used the Brick MethodTM, which is a structure used to develop standard fees for disability (and other services) that utilizes cost categories and studies their relationship to direct service support costs (the wages of people performing the service).

There are four standard cost components that are assumed to be common to all social and medical services. They are employment related expenses, program support, facility cost (day habilitation only) and general and administrative. In Maryland, training and transportation components were also studied and used to develop the rates. The foundation of the Brick is the direct support professional wage.

The rate study final report, including proposed rates, was completed and released on November 3, 2017 and 4 town halls were held in November to solicit stakeholder input. The proposed rates were used as the basis for the average cost per unit in Waiver Year 1 for the new and existing services including: Behavioral Support Services, Environmental Assessments, Family and Peer Mentoring

Supports, Housing Support Services, Shared Living Services, Nursing Services, and hourly and daily Respite Care Services and are estimated to increase by a 2% COLA based on historical authorized increases, and Supported Living services. The proposed rates were used as the basis for the average cost per unit in Waiver Year 2 for Supported Living and are estimated to increase by a 2% COLA based on historical authorized increases.

The new rates for the remaining rate-based services will be adopted in FY210, or Waiver Year 32, as DDA transitions to a fee for service billing model, phases out the use of PCIS2 for claims submission and transitions to submitting claims using the LTSSMaryland LTSS financial management system. Therefore, in the transition year, Waiver Years 1-2, the average costs per unit for the following services are based on average costs from PCIS: Community Development Services, Community Living Group Home Services, Day Habilitation, Employment Discovery and Customization, Personal Supports, Supported Employment, and Career Exploration Services (based on the rate for Supported Employment). In Waiver Years 23-5, average unit costs for rate-based services are estimated to increase by a 2% COLA based on historical authorized increases.

The Average Costs per Unit in Waiver Years 1-5 for Assistive Technology and Services, Environmental Modifications, Medical Day Care, Respite Services Camp, <u>Support Broker Services</u> (<u>WYs 2-5</u>), Transition Services, Transportation, and Vehicle Modifications are based on DDA's average costs and limits for services from the Community Pathways Waiver CMS 372(S) FY13-16.

Individual and Family Directed Goods and Services average cost per unit for Waiver Years 1-5 is based on DDA's average costs for services from the Community Pathways Waiver CMS 372(S) FY16 as this is the first year of data for this service. The average cost per unit for Staff Recruitment and Advertising is estimated as the median of the annual upper pay limit established in the rate study.

The average cost per unit for Medical Day Care is established by Medicaid and expected to increase by a 2% COLA in Waiver Years 2-5.

The average cost per unit for Family Caregiver Training and Empowerment Services, Live-In Caregiver Supports, Participant Education, Training and Advocacy Supports, and Remote Support Services are estimated in Waiver Years 1-5 at the median of the upper pay limits established in the rate study.

ii. Factor D' Derivation. The estimates of Factor D' for each waiver year are included in Item J-1. The basis of these estimates is as follows:

Factor D' was calculated for Waiver Years 1-5 using FY16 actual MMIS Medicaid expenditures for Community Pathways Waiver participants enrolled in the Waiver at any point in FY2016. This data removes the cost of prescribed drugs under the provisions of part D. The 3.3 percent inflation rate applied to Factor G' is based on 2013-2016 BLS CPI-U All Urban Consumers for Medical Care for Washington – Baltimore. These expenditures were compounded annually by the four-year (2013-2016) average increase in Baltimore-Washington medical care inflation rate of 3.3%.

iii. Factor G Derivation. The estimates of Factor G for each waiver year are included in Item J-1. The basis of these estimates is as follows:

The estimated annual average institutional costs that would be incurred for individuals served in the Waiver, were the waiver not granted, are based on actual data from the Community Pathways Waiver CMS 372(S) FY16 report. The 3.3 percent inflation rate applied to Factor G is based on

2013-2016 BLS CPI-U All Urban Consumers for Medical Care for Washington – Baltimore. These expenditures were compounded annually for Waiver Years 1-5 by the four-year (2013-2016) average increase in Baltimore-Washington medical care inflation rate of 3.3%.

iv. Factor G' Derivation. The estimates of Factor G' for each waiver year are included in Item J-1. The basis of these estimates is as follows:

The estimated annual average per capita Medicaid costs for all other services other than those included in factor G for individuals served in the Waiver, were the waiver not granted, are based on actual data from the Community Pathways Waiver CMS 372(S) FY16 report. The 3.3 percent inflation rate applied to Factor D' is based on 2013-2016 BLS CPI-U All Urban Consumers for Medical Care for Washington – Baltimore. These expenditures were compounded annually for Waiver Years 1-5 by the four-year (2013-2016) average increase in Baltimore-Washington medical care inflation rate of 3.3%.

Component management for waiver services. If the service(s) below includes two or more discrete services that are reimbursed separately, or is a bundled service, each component of the service must be listed. Select "manage components" to add these components.

Waiver Services				
Assistive Technology and Services				
Behavioral Support Services	Assessment, Plan, Consultation, Brief Support Implementation			
Community Development Services				
Community Living- Enhanced Support	Service, Retainer Fee, Trial Experience			
Community Living- Group Home	Service, Retainer Fee, Trial Experience			
Day Habilitation Services				
Employment Discovery & Customization				
Employment Supports	Co-Worker, Discovery, Follow Along Supports, Job Development, On-going Job Supports, Customized Self-Employment Services			
Environmental Assessment				
Environmental Modification				
Family & Peer Mentoring Supports				
Family Caregiver Training & Empowerment Services				
Housing Support Services				
Individual & Family Directed Goods and Services	Goods and Services, Staff Recruitment and Advertising			
Live-In Caregiver Supports				
Medical Day Care				
Nursing	Case Management and Delegation, Consultation, Nurse Health Case Management			

Participant Education, Training, & Advocacy Supports	
Personal Supports	
Remote Support Services	
Respite Care Service	Daily, Hourly, Camp
Shared Living	
Support Broker Services	
Supported Employment	
Supported Living	
Transition Services	
Career Exploration	Large Group, Small Group, Facility
Transportation	
Vehicle Modifications	

d. Estimate of Factor D. *Select one:* Note: Selection below is new.

✓	The waiver does not operate concurrently with a §1915(b) waiver. Complete Item J-2-d-i
0	The waiver operates concurrently with a §1915(b) waiver. Complete Item J-2-d-ii

i. Estimate of Factor D – Non-Concurrent Waiver. Complete the following table for each waiver year. Enter data into the Unit, # Users, Avg. Units Per User, and Avg. Cost/Unit fields for all the Waiver Service/Component items. Select Save and Calculate to automatically calculate and populate the Component Costs and Total Costs fields. All fields in this table must be completed in order to populate the Factor D fields in the J-1 Composite Overview table.

W V V							
Waiver Year: Year 1							
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5		
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost		
Assistive Technology and Services	Item	26	1	942.54	24,506.04		
Behavioral Support Services:					6,789,851.04		
Assessment	Assessment	200	1	786.94	157,388.00		
Consultation	Hour	2250	4	98.37	885,330.00		
Plan	Plan	100	1	786.94	78,694.00		
Brief Supports Implementation Services	15 minutes	1688	192	17.49	5,668,439.04		
Community Development Services	Day	1350	154	98.66	20,511,414.00		
Community Living-Group Home:					501,476,457.84		

	Waiver Year: Year 1						
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5		
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost		
Service	Day	6173	337	236.96	492,948,124.96		
Retainer Fee	Day	3011	13	217.84	8,526,911.12		
Trial Experience	Day	2	3	236.96	1,421.76		
Day Habilitation	Day	9590	206	93.67	185,048,831.80		
Employment Discovery and Customization	Day	22	29	79.70	50,848.60		
Environmental Assessments	Assessment	8	1	419.70	3,357.60		
Environmental Modification	Item	16	1	6,592.38	105,478.08		
Family and Peer Mentoring Supports	Hour	300	5	57.54	86,310.00		
Family Caregiver Training and Empowerment Services	Item	293	1	538.00	157,634.00		
Housing Supports Services	Hour	707	78	49.76	2,744,064.96		
Individual and Family Directed Goods and Services:					59,060.00		
Goods and Services	Item	12	4	220.00	10,560.00		
Staff Recruitment and Advertising	Item	194	1	250.00	48,500.00		
Live-In Caregiver Supports	Month	2	6	600.00	7,200.00		
Medical Day Care	Day	758	186	79.06	11,146,511.28		
Nursing:					196,476,194.20		
Case Management and Delegation Services	15 minutes	7301	1460	18.07	192,616,442.20		
Consultation	15 minutes	2264	32	18.07	1,309,135.36		
Health Case Management	15 minutes	4411	32	18.07	2,550,616.64		
Participant Education, Training, and Advocacy Supports	Item	1500	1	538.00	807,000.00		
Personal Supports	15 minutes	3330	4902	6.07	99,084,616.20		
Remote Support Services	Item	300	6	310.00	558,000.00		
Respite Care Services:					1,094,376.00		
Daily	Day	300	10	322.14	966,420.00		
Hourly	Hour	300	80	20.13	483,120.00		
Сатр	Item	100	1	1,038.00	103,800.00		
Shared Living:					2,004,042.00		

	Waiver Year: Year 1							
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5			
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost			
Shared Living	Month	218	6	1,500.00	1,962,000.00			
Supported Employment	Day	3,985	184	70,01	51,334,132.40			
Supported Living:								
Transition Services	Item	119	1	2,088.00	248,472.00			
Career Exploration:					27,051,864.00			
Small Group	Day	750	184	70.01	9,661,380.00			
Large Group	Day	750	184	70.01	9,661,380.00			
Facility	Day	600	184	70.01	7,729,104.00			
Transportation	Item	893	260	14.42	3,348,035.60			
Vehicle Modification	Item	3	1	13,370.00	40,110.00			
GRAND TOTAL:	GRAND TOTAL:							
TOTAL ESTIMATED UNDUPL	<u>15,800</u> 15,411							
FACTOR D (Divide grand total	70,295.90 72,070.29							
AVERAGE LENGTH OF STAY	ON THE WA	VER			355			

Waiver Year: Year 2						
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost	
Assistive Technology and Services	Item	29	1	942.54	27,333.66	
Behavioral Support Services:					10,087,103.16 7 ,16 6,693.16 6,789,851.04	
Assessment	Assessment	200	1	830.77 786.94	<u>166,154.00</u> <u>157,388.00</u>	
Consultation	15 minutes Hour	2250	4 <u>66</u>	25.96 103.85 98.37	3,855,060.00 934 ,6 50.00_885,330.00	

	Waiver Year: Year 2						
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5		
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost		
				830.77	83,077.00		
Plan	Plan	100	1	786.94	78,694.00		
Brief Supports				18.46	5,982,812.16		
Implementation Services	15 minutes	1688	192	17.49	5,668,439.04		
Community Development	Hannban	1507	200154	100.63	24,593,770.74		
Services	Hour <u>Day</u>	1587	308 <u>154</u>	35.78	17,489,120.88		
Community Living- Enhanced Support:					5,272,959.99		
Service	Day	25	337	614.40	5,176,320.00		
Retainer Fee	Day	12	13	614,40	95,846.40		
Trial Experience	Day	4	3	264.53	793.59		
Community Living-Group Home:					<u>585,059,413.82</u> 565,090,573.18		
		6226 64			574,995,634.50		
Service	Day	<u>50</u>	337	264.53	555,026,793.86		
Retainer Fee	Day	2926	13	264.53	10,062,192.14		
Trial Experience	Day	2	3	264.53	1,587.18		
Day Habilitation	Hour Day	10084	<u>206</u> 412	95.54 45.97	198,465,624.16 190,987,329.76		
Employment Discovery and Customization	Day	26	29	81.29	61,292.66		
Employment Services:			===		84,819,489.30		
Discovery	Milestone	750 0	<u> 40</u>	<u>0</u> 3,993.67 <u>0</u>	<u>0</u> 2,995,252.50		
Follow Along Supports	Month	700 0	<mark>45</mark> 0	<u>0</u> 66.56	<u>0</u> 2,096,640.00		
Job Development	Hour	2400 0	<u>60</u>	<u>0</u> 212.88	03,065,472.00		
On-going Job Supports	Hour	2400 0	900 0	035.48	0 76,636,800.00		
Co-Worker Employment Supports	Month	20 0	2 0	0 500.00	020,000.00		
Customized Self-Employment			_				
Services	Milestone	20 0	<u> 10</u>	<u>0</u> 266.24	<u>0</u> 5,324.80		
Environmental Assessments	Assessment	12	1	419.70	5,036.40		
Environmental Modification	Item	24	1	6,592.38	158,217.12		
Family and Peer Mentoring							
Supports	Hour	306	5	57.54	88,036.20		
Family Caregiver Training and Empowerment Services	Itom	299	1	520.00	140 942 00		
TT	Item		1	538.00	160,862.00		
Housing Supports Services	Hour	721	78	49.76	2,798,402.88		

	Waiver Year: Year 2						
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5		
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost		
T 1' '1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
Individual and Family Directed Goods and Services:					69,200.00		
Goods and Services	Item	15	4	220.00	13,200.00		
Staff Recruitment and Advertising	Item	224	1	250.00	56,000.00		
Live-In Caregiver Supports	Month	3	6	600.00	10,800.00		
Medical Day Care	Day	769	186	80.64	11,534,261.76		
Nursing:					200,404,901.32		
Case Management and Delegation Services	15 minutes	7447	1460	18.07	196,468,243.40		
Consultation	15 minutes	2309	32	18.07	1,335,156.16		
Health Case Management	15 minutes	4499	32	18.07	2,601,501.76		
Participant Education, Training, and Advocacy Supports	Item	1530		538.00	823,140.00		
Personal Supports	15 minutes	3839 3371	4902	6.1 <u>9</u> 1	116,488,235.82 -100,965,562.62		
Remote Support Services	Item	306	6	310.00	569,160.00		
Respite Care Services:					1,895,883.00 1,203,813.60		
Daily	Day	330	10	373.27 322.14	1,231,791.00 1,063,062.00		
Hourly	Hour	330	80	20.83 20.13	549,912.00 531,432.00		
Camp	Item	110	1	1,038.00	114,180.00		
Shared Living:					2,022,042.00		
Shared Living	Month	220	<u>12</u> 6	2,530.00 1,500.00	<u>6,679,200.00</u> 1,980,000.00		
Support Broker Services	<u>Hour</u>	<u>803</u>	<u>59</u>	36.00	1,705,572.00		
Supported Employment	<u>Day</u>	<u>3,634</u>	<u>184</u>	<u>71.41</u>	47,748,724.96		
Supported Living:	Day	126	337.00	252.67	10,728,873.54		
Transition Services	Item	126	1	2,088.00	263,088.00		
Career Exploration:		-	-	28,144,680.48	28,144,680.48 5,5 52,137.44		
Large Group	<u>Day</u> Hour	765184 765	184 71.41 368	71.41 10,051,671.60 4.40	10,051,671.60 1841,238,688.00		

Waiver Year: Year 2								
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5			
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost			
Small Group	<u>Day</u> Hour	765 <u>184</u> 765	184 71.41_368	71.41 10,051,671.60 13.21	10,051,671.60 1843,718,879.20			
Facility	<u>Day</u> Hour	612 184 612	184 71.41_368	71.41 <u>8,041,337.28</u> <u>2.64</u>	8,041,337.28 184594,570.24			
Transportation	Item	1071	260	14.42	4,015,393.20			
Vehicle Modification	Item	5	1	13,370.00	66,850.00			
GRAND TOTAL:				\ (1,249,732,646.88 1,212,379,254.29 1,252,653,056.88			
TOTAL ESTIMATED UNDUPLIC	CATED PARTI	CIPANTS (from Table J-	2-a)	15,900 15,572			
78,783.2 78,599.5 77,856.3 FACTOR D (Divide grand total by number of participants)								
AVERAGE LENGTH OF STAY	ON THE WAIV	ER			355			

Waiver Year: Year 3								
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5			
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost			
Assistive Technology and Services	Item	31	1	942.54	29,218.74			
Behavioral Support Services:					10,289,221.68 7,310,221.68 6,925,736.64			
Assessment	Assessment	200	1	847.38 802.68	169,476.00 160,536.00			
Consultation	15 minutes Hour	2250	4 <u>66</u>	26.48 105 .92 100.34	3,932,280.00 953,280.00 903,060.00			
Plan	Plan	100	1	847.38 802.68	84,738.00 80,268.00			
Brief Supports Implementation Services	15 minutes	1688	192	18.83 17.84	6,102,727.68 5,781,872.64			

	Waiver Year: Year 3								
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5				
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost				
Community Development Services	Hour	1864	308	35.78 36.50	20,541,727.36 20,955,088.00				
Community Living- Enhanced Support:				-	5,273,753.58 5,379,245.81				
Service	Day	25	337	614.40 626.69	5,176,320.00 5,279,863.25				
Retainer Fee	Day	12	13	614.40 626.69	95,846.40 97,763.64				
Trial Experience	Day	2	3	264.53 269.82	1,587.18 1,618.92				
Community Living-Group Home:					602,072,840.34 583,705,113.66				
Service	Day	6305 <u>65</u> <u>07</u>	337	269.82	591,677,215.38 573,309,488.70				
Retainer Fee	Day	2963	13	269.82	10,393,196.58				
Trial Experience	Day	3	3	269.82	2,428.38				
Day Habilitation	Hour	10604	412	45.97 46.89	200,835,942.56 204,855,282.72				
Employment Services:				-	84,819,489.30 88,246,555.32				
Discovery	Milestone	750 765	1	3,993.67 4,073.54	2,995,252.50 3,116,258.10				
Follow Along Supports	Month	7 <u>00</u> 2448	6	66.56 217.14	2,096,640.00 279,552.00 3,189,352.35				
Job Development	Hour	2400 714	45	212.88 67.89	22,991040.00 3,065,472.00 2,181,305.70				
On-going Job Supports	Hour	240024 48	900	35.48 36.19	76,636,800.00 79,733,808.00				
Co-Worker Employment Supports	Month	<u>20</u> 20	2	500.00 510.00	20,000.00 20,400.00				

	Waiver Year: Year 3								
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5				
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost				
Customized Self- Employment Services	Milestone	<u>20</u> 20	1	266.24 271.56	5,324.80 5,431.20				
Environmental Assessments	Assessment	18	1	428.09	7,705.69				
Environmental Modification	Item	36	1	6,592.38	237,325.68				
Family and Peer Mentoring Supports	Hour	312	5	58.69	91,556.40				
Family Caregiver Training and Empowerment Services	Item	305	1	543.00	165,615.00				
Housing Supports Services	Hour	736	78	50,76	2,914,030.08				
Individual and Family Directed Goods and Services:					80,970.00				
Goods and Services	Item	19	4	220.00	16,720.00				
Staff Recruitment and Advertising	Item	257	1	250.00	64,250.00				
Live-In Caregiver Supports	Month	5	6	600.00	18,000.00				
Medical Day Care	Day	781	186	82.25	11,948,128.50				
Nursing:			7		208,486,942.24				
Case Management and Delegation Services	15 minutes	7596	1460	18.43	204,391,648.80				
Consultation	15 minutes	2355	32	18.43	1,388,884.80				
Health Case Management	15 minutes	4589	32	18.43	2,706,408.64				
Participant Education, Training, and Advocacy Supports	Item	1561	1	543.00	847,623.00				
Suppose	itom.	3539 <u>40</u>	1	6.11	120,883,123.92				
Personal Supports	15 minutes	<u>36</u>	4902	6.23	108,079,148.94				
Remote Support Services	Item	312	6	310.00	580,320.00				
D 4 G 5				-	<u>2,124,784.20</u>				
Respite Care Services:					1,348,152.96				
Daily	Day	363	10	380.74 328.58	1,382,086.20 1,192,745.40				
Hourly	Hour	363	80	21.25 20.53	617,100.00 596,191.20				
Сатр	Item	121	1	1,038.00	125,598.00				

	Wa	iver Year:	Year 3		
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Shared Living:					2,121,602.04
Shared Living	Month	222	<u>12</u> 6	1,500.00 1,530.00	3,996,000.00 2,037,960.00
Support Broker Services	<u>Hour</u>	<u>640</u> 987	<u>59</u>	36.00	1,359,360.002,09 6,388.00
Supported Living	Day	132	337	257.72	11,464,416.48
Transition Services	Item	133	1	2,088.00	277,704.00
Career Exploration:				7 -	5,661,002.88 5,772,948.48
<u>Large Group</u> Small Group	Hour	780	368	4.40 13.47	1,262,976.00 3,866,428.80
Small Group Large Group	Hour	780	368	13.21 4.49	3,791,798.40 1,288,809.60
<u>Facility</u> Facility	Hour	624	368	2.64 2.69	606,228.48 617,710.08
Transportation	Item	1286	260	14.42	4,821,471.20
Vehicle Modification	Item	7	1	13370.00	93,590.00
GRAND TOTAL:	1,300,658,890.76 1,297,679,890.76 1,269,936,231.11				
TOTAL ESTIMATED UNDUPL	16,000 15,733				
FACTOR D (Divide grand tota	80,718.00 81,291.18 81,104.99				
AVERAGE LENGTH OF STAY	Y ON THE WAI	VER			355

Waiver Year: Year 4 (only appears if applicable based on Item 1-C)								
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5			
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost			
Assistive Technology and								
Services	Item	35	1	942.54	32,988.90			
Behavioral Support Services:					7,457,543.16 7,065,226.20 10,496,168.16			
		• • • •		864.33	172,866.00			
Assessment	Assessment	200	1	818.73	163,746.00			
Consultation	15 minutes Hour	2250	<u>66</u> 4	27.01 108 .04 102.34	4,010,985.00 <u>972,3</u> 60.00 921,060.00			
Plan	Plan	100	1	864.33 818.73	86,433.00 81,873.00			
Brief Supports				19.21	6,225,884.16			
Implementation Services	15 minutes	1688	192	18.20	5,898,547.20			
Community Development	**	2100	200	36.50	24,619,980.00			
Services	Hour	2190	308	37.23	25,112,379.60			
Community Living- Enhanced Support:					5,379,245.81 5,486,798.14			
Service Retainer Fee	Day	25	337	639.22	5,385,428.50 5,279,863.25 5,385,428.50 99,718.32 97,763.64 99,718.32			
Trial Experience	Day	2	3	275.22	1,618.92 1,651.32			
Community Living-Group Home:					621,958,118.76 602,944,545.06			
Service	Day	6385 <u>65</u> 90	337	275.22	611,216,832.60 592,203,258.90			
Retainer Fee	Day	3001	13	275.22	10,737,157.86			
Trial Experience	Day	5	3	275.22	4,128.30			
Day Habilitation	Hour	11150	412	46.89 47.83	215,403,282.00 219,721,454.00 88,246,555.32			
Employment Services:					91,181,389.32			
Discovery	Milestone	<u>765</u> 780	1	<u>4,073.54</u> <u>4,155.01</u>	3,116,258.10 3,240,907.80			

Waiver Year	Waiver Year: Year 4 (only appears if applicable based on Item 1-C)							
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5			
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost			
Follow Along Supports	Month	714 2479	6	67.89 221.48	2,90,840.76 2,181,305.70 2,268,630.00			
Job Development	Hour	2448 728	45	217.14 69.25	23,920,142.40 3,189,352.32 3,294,293.52			
On-going Job Supports	Hour	2448 2479	900	36.19 36.91	79,733,808.00 82,349,901.00			
Co-Worker Employment Supports	Month	<u>20</u> 21	2	510.00 520.00	20,400.00 21,840.00			
Customized Self-Employment Services	Milestone	<u>20</u> 21	1	271.56 277.00	5,431.20 5,817.00			
Environmental Assessments	Assessment	27	1	436.66	11,789.82			
Environmental Modification	Item	54	1	6,592.38	355,988.52			
Family and Peer Mentoring Supports	Hour	318	5	59.86	95,177.40			
Family Caregiver Training and Empowerment Services	Item	311	1	549.00	170,739.00			
Housing Supports Services	Hour	750	78	51.77	3,028,545.00			
Individual and Family Directed Goods and Services:			,		93,360.00			
Goods and Services	Item	22	4	220.00	19,360.00			
Staff Recruitment and Advertising	Item	296	1	250.00	74,000.00			
Live-In Caregiver Supports	Month	7	6	600.00	25,200.00			
Medical Day Care	Day	793	186	83.90	12,375,082.20			
Nursing:					216,928,838.40			
Case Management and Delegation Services	15 minutes	7748	1460	18.80	212,667,104.00			
Consultation	15 minutes	2403	32	18.80	1,445,644.80			
Health Case Management	15 minutes	4681	32	18.80	2,816,089.60			
Participant Education, Training, and Advocacy Supports	Item	1592	1	549.00	874,008.00			
		3716 42		6.23 6.36	129,548,389.32			
Personal Supports	15 minutes	<u>42</u>	4902		115,852,691.52			
Remote Support Services	Item	318	6	310.00	591,480.00			
Respite Care Services:					2,379,276.90			

Waiver Year	based on Item 1	-C)				
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost	
					1,496,752.74	
Daily	Day	399	10	388.35 332.15	1,549,516.50 1,325,278.50	
Hourly	Hour	399	80	21,67 20.94	691,706.40 668,404.80	
Сатр	Item	133	1	1,038.00	138,054.00	
Shared Living:					2,194,672.10	
Shared Living	Month	225	<u>12</u> 6	1,530.00 1,560.60	4,131,000.00 2,106,810.00	
Support Broker Services	<u>Hour</u>	<u>1213</u>	<u>59</u>	<u>36.00</u>	<u>2,576,412.00</u>	
Supported Living:	Day	139	337	262.88	12,314,087.84	
Transition Services	Item	141	1	2,088.00	294,408.00	
Career Exploration:					5,891,565.92 6,011,084.96	
<u>Large Group</u> Small Group	Hour	796	368	4.49 13.74	1,315,246.72 4,024,830.72	
Small Group Large Group	Hour	796	368	<u>13.47</u> <u>-4.58</u>	3,945,740.16 1,341,610.24	
<u>Facility</u> Facility	Hour	637	368	<u>2.69</u> 2.75	630,579.04 644,644.00	
Transportation	Item	1543	260	14.42	5,785,015.60	
Vehicle Modification	Item	10	1	13,370.00	133,700.00	
GRAND TOTAL:	1,360,701,777.87 1,363,740,402.87 1,330,724,524.78					
TOTAL ESTIMATED UNDUPLI	16,170 15,894					
	84,149.77 84,337.69 83,724.96					
FACTOR D (Divide grand total b	by number of pa	articipants)			35,721.70	
AVERAGE LENGTH OF STAY	AVERAGE LENGTH OF STAY ON THE WAIVER					

Waiver Year	Waiver Year: Year 5 (only appears if applicable based on Item 1-C)							
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5			
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost			
Assistive Technology and Services	Item	38	1	942.54	35,816.52			
Behavioral Support Services:				. 0	7,205,264.76 10,704,701.64 7,605,326.64			
Assessment	Assessment	200	1	881.62 835.11	176,324.00 167,022.00			
Consultation	Hour <mark>15</mark> minutes	2250	4 <u>66</u>	27.55 110.20 104.39	4,091,175.00 991 , <u>800.00</u> 939,510.00			
Plan	Plan	100	1	881.62 835.11	88,162.00 83,511.00			
Brief Supports Implementation Services	15 minutes	1688	192	19.59 18.56	6,349,040.64 6,015,221.76			
Community Development Services	Hour	2574	308	37.23 37.97	29,515,646.16 30,102,312.24			
Community Living- Enhanced Support:				-	5,486,798.14 5,596,582.13			
Service	Day	25	337	639.22 652.01	5,385,428.50 5,493,184.25			
Retainer Fee	Day	12	13	639.22 652.01	99,718.32 101,713.56			
Trial Experience	Day	2	3	275.22 280.72	1,651.32 1,684.32			
Community Living-Group Home					642,380,559.04 622,797,812.56			
Service	Day	6466 <u>66</u> 73	337	280.72	631,283,416.72 611,700,670.24			

Waiver Year	: Year 5 (only	appears it	f applicable l	based on Item 1	-C)
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Retainer Fee	Day	3039	13	280.72	11,090,405.04
Trial Experience	Day	8	3	280.72	6,737.28
Day Habilitation	Hour	11724	412	47.83 48.78	231,032,675.04 235,621,448.64
Employment Services:					91,181,389.32 95,520,736.57
Discovery	Milestone	780 796	1	4,155.01 4,238.11	3,240,907.80 3,373,535.56
Follow Along Supports	Month	728 2547	6	69.25 225.91	302,484.00 2,268,630.00 3,452,356.62
Job Development	Hour	<u>2479</u> 743	45	221.48 70.63	24,707,201.40 3,294,293.52 2,361,514.05
On-going Job Supports	Hour	247 92547	900	36.91 37.65	82,349,901.00 86,305,095.00
Co-Worker Employmen t Supports	Month	<u>2121</u>	2	520.00 531.00	21,840.00 22,302.00
Customized Self- Employment Services	Milestone	<u>2121</u>	1	277.00 282.54	<u>5,817.00</u> 5,933.34
Environmental Assessments	Assessment	54	1	445.39	24,051.06
Environmental Modification Family and Peer Mentoring Supports	Item	108	1	6,592.38	711,977.04
Family Caregiver Training and Empowerment Services	Hour Item	325	5 1	61.06 555.00	99,222.50
Housing Supports Services	Hour	765	78	52.81	3,151,172.70
Individual and Family Directed Goods and Services:					108,760.00

Waiver Year	: Year 5 (only	appears it	f applicable l	based on Item 1	-C)
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost
Goods and Services	Item	27	4	220.00	23,760.00
Staff Recruitment and Advertising	Item	340	1	250.00	85,000.00
Live-In Caregiver Supports	Month	10	6	600.00	36,000.00
Medical Day Care	Day	805	186	85.58	12,813,893.40
Nursing:					225,740,544.40
Case Management and Delegation Services	15 minutes	7903	1460	19.18	221,306,128.40
Consultation	15 minutes	2450	32	19.18	1,503,712.00
Health Case Management	15 minutes	4775	32	19.18	2,930,704.00
Participant Education, Training, and Advocacy	Itama	1624		555.00	001 220 00
Supports	Item	1624	1	555.00	901,320.00
Personal Supports	15 minutes	3902 <u>44</u> 59	4902	6.36 6.49	139,016,994.48 124,138,149.96
Remote Support Services	Item	325	6	310.00	604,500.00
Respite Care Services:	A				2,666,666.80 1,689,821.56
Daily	Day	439	10	396.12 341.86	1,738,966.80 1,500,765.40
Hourly	Hour	439	80	22.10 21.36	776,152.00 750,163.20
Camp	Item	146	1	1,038.00	151,548.00
Shared Living:					2,267,796.51
Shound Living	Manth	229	<u>12</u> 6	1,560.00 1,598.81	4,268,160.00 2,187,172.08
Shared Living	Month	228			
Support Broker Services	<u>Hour</u>	<u>1490</u>	<u>59</u>	36.00	3,164,760.00
Supported Living	Day	146	337	268.14	13,193,024.28
Transition Services	Item	148	1	2,088.00	309,024.00
Career Exploration:					6,131,097.12 6,253,600.64

Waiver Year: Year 5 (only appears if applicable based on Item 1-C)								
	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5			
Waiver Service / Component	Unit	# Users	Avg. Units Per User	Avg. Cost/ Unit	Total Cost			
<u>Large Group</u> S mall Group	Hour	812	368	4.58 14.02	1,368,577.28 4,189,400.32			
Small Group Large Group	Hour	812	368	13.74 4.67	4,105,731.84 1,395,470.72			
<u>Facility</u> Facility	Hour	649	368	2.75 2.80	656,788.00 668,729.60			
Transportation	Item	1851	260	14.42	6,939,769.20			
Vehicle Modification	Item	15	1	13,370.00	200,550.00			
GRAND TOTAL:				7	1,427,495,632.84 1,430,595,007.84 1,396,871,116.28			
TOTAL ESTIMATED UNDUPL	ICATED PAR	TICIPANTS	(from Table .	J-2-a)	<u>16,380</u> 16,055			
FACTOR D (Divide grand total	by number of	participants			87,148.70 87,337.91 87,005.36			
AVERAGE LENGTH OF STAY	ON THE WA	IVER			355			